

SECTION V.—BIBLIOGRAPHY.

RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Professor in charge of Library.

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

Alaska. Agricultural experiment stations.

Annual report for 1913. Washington. 1914. 80 p. plates. 8°. [Contains notes on the climate of various stations, and condensed meteorological reports, for 1913.]

Batavia. K. Magnetisch en meteorologisch observatorium.

Regenwaarnemingen in Nederlandsch-Indië. 1912. Batavia. 1913. 2 v. 4°.

Bombay and Alibag. Government observatories.

Magnetical, meteorological, and seismographic observations, 1906 to 1910. With appendices. Bombay. 1913. v. p. plates. 4°.

British rainfall organization.

British rainfall, 1913; compiled under the direction of Hugh Robert Mill. 53d annual volume. London. 1914. 92, (384) p. front. 8°.

Cienfuegos. Observatorio de Montserrat.

Anales. No. 3. Observaciones meteorológicas de 1913. Habana. 1914. unp. 4°.

Cox, Henry J., & Armstrong, John H.

The weather and climate of Chicago. Chicago. [1914.] xxv, 375 p. plates. 8°. (Geographic society of Chicago. Bulletin no. 4.)

Dines, J[ohn] S[omers].

Fourth report on wind structure. London. 1914. 20 p. plates. charts. 8°. (Contributed by the director of the Meteorological office to the Technical report of the Advisory committee for aeronautics, 1912-13.)

International catalogue of scientific literature.

F: Meteorology, including terrestrial magnetism. Eleventh annual issue. London. 1914. viii, 245 p. 8°.

International meteorological committee.

Report of the tenth meeting. Rome, 1913. With additional appendices concerning the exchange of publications, lists of members of the International committee, etc. London. 1914. 98 p. 8°.

Lanza, Mariano Gutiérrez.

Conferencias de seismología pronunciadas en la Academia de ciencias de la Habana. Habana. 1914. xvi, 157 p. 32 pl. 4°.

Mizusawa. International latitude observatory.

Annual report of the meteorological and the seismological observations for the year 1913. [Mizusawa.] 1914. 38 p. 4°.

Modena. Osservatorio geofisico.

Osservazioni meteorologiche, 1911. Modena. 1914. 62 p. 4°.

Nevada. Agricultural experiment station.

Annual report of the board of control for the fiscal year ending June 30, 1913. Carson City, Nevada. 1914. 61 p. 8°. [Contains report of the Department of meteorology and climatology (including Mt. Rose observatory).]

Reed, William Gardner.

Report of the meteorological station at Berkeley, California, for the year ending June 30, 1913. Berkeley. 1914. 247-306 p. 3 pl. 4°. (University of California publications in geography, vol. 1, no. 6.) [Abstract in this REVIEW, March 1914.]

Riabouchinsky, D. J.

Institut aérodynamique de Koutchino, 1904-1914. Moscou. 1914. 7 p. 4 pl. 4°.

San Fernando. Instituto y observatorio de marina.

Anales. Sección 2: Observaciones meteorológicas, magnéticas y sísmicas. Año 1913. San Fernando. 1914. viii, 164 p. 2 pl. 4°.

Schumacher, K.

Einführung in die Wetterkunde und in das Verständnis der Wetterkarten. Leipzig. 1914. viii, 58 p. 3 pl. 2 maps. 8°.

Störmer, Carl.

Résultats des calculs numériques des trajectoires des corpuscules électriques dans le champ d'un aimant élémentaire. III. Spirale de Villard; trajectoires périodiques; modèle de la couronne du soleil, etc. Kristiania. 1914. 64 p. 4°. (Videnskapselskapets skrifter. I. Mat. naturv. Klasse, 1913, no. 14.)

Sweden. Hydrografiska byrån.

Arsberättelse för år 1913. Stockholm. 1914. 41 p. 4°.
Årsbok 4. 1912. Stockholm. 1914. vii, 231 p. 10 pl. map. 4°. [Contains a French as well as a Swedish table of contents.]

Taihoku meteorological observatory.

The climate, typhoons, and earthquakes of the island of Formosa (Taiwan). Taihoku. 1914. 80 p. 10 pl. 4°.

Venice. Ufficio idrografico.

Quarta e quinta relazione annuale del direttore. Venezia. 1914. 113 p. plates. maps. 4°.

Yurief. Meteorological observatory of the Imperial university.

Nebelüdenföf, 1913. 48-of god. [Meteorologische Beobachtungen, 1913. 48. Jahrgang.] Furief. 1914. 89 p. 8°. [Russian and German text.]

Zahn, A[lbert] F[rancis].

Report on European aeronautical laboratories (with eleven plates). Washington. 1914. 23 p. plates. 8°. (Smithsonian miscellaneous collections, v. 62, no. 3.)

RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

C. FITZHUGH TALMAN, Professor in charge of Library.

The subjoined titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

American society of civil engineers. Proceedings. New York. v. 39. September, 1913.

Lyman, Richard R. Measurement of the flow of streams by approved forms of weirs, with new formulas and diagrams. p. 1513-1595. [Discussion: p. 2245-2258 (Dec., 1913).]

Engineering news. New York. v. 72. September 13, 1914.

A flood from a 7-in. rainfall at Kansas City. p. 659-660.

Nature. London. v. 94. September 17, 1914.

Whitmell, C. T. The red flash. p. 61.

Science. New York. v. 40. September 18, 1914.

Very, Frank W. The transmission of terrestrial radiation by the earth's atmosphere in summer and in winter. p. 417-424.

Scientific American supplement. New York. v. 78. September 12, 1914.

Thread-recording microbarometer. p. 173. [Application of "thread-recorder to barograph."]

Symons's meteorological magazine. London. v. 49. September, 1914. Clayton, H. Helm, & Hays, H. M. Arguments for basal and immediate crop estimates. p. 142-146.

Aérophile. Paris. 22. année. 1. août 1914.

Roussel, André. Étude en dirigeable des perturbations atmosphériques. p. 350-351.

Astronomie. Paris. 28. année. Août 1914.

Durand-Gréville, E. La nocivité relative des orages venant de l'est. p. 377-378.

Académie impériale des sciences. Bulletin. St. Petersbourg. 6. sér. 15 mai 1914.

Golitsyn, Boris Borisovich. Einige Bemerkungen über das boliviatische Erdbeben am 26. Februar 1914. p. 613-616.

Golitsyn, Boris Borisovich. Vergleichende Zusammenstellung über die Anzahl der auf verschiedenen Stationen registrierten Erdbeben. p. 619-631.

Meteorologische Zeitschrift. Braunschweig. Band 31. Juli 1914.

Köppen, Wladimir. Lufttemperaturen, Sonnenflecken und Vulkanausbrüche. p. 305-328.

Rykačev, M., jun. Meteorologische Beobachtungen und Beobachtungen in den verschiedenen Schichten der Atmosphäre, die auf dem schwimmenden Leuchtturm Lüserort angestellt worden sind. p. 328-339.

- Meteorologische Zeitschrift*—Continued.
- Liznar, J[oseph]. Die Fallgeschwindigkeit der Regentropfen. p. 339–347.
- Voeikov, A[leksandr Ivanovich]. Klima von Urumtsi. p. 347–350.
- Stuchtey, Karl. Über die verschiedene Helligkeit der einzelnen Teile des Dunsthorizonte. p. 351–354.
- Köppen, W[ladimir]. Topographie der 750 mm-Fläche. p. 354–356.
- Bieber, W. Kondensationskerne der Erdatmosphäre. Die blaue Farbe des Himmels. p. 357–359.
- Köppen, W[ladimir]. Verhältnis zwischen Jahresschwankung und Vertikalgefälle der Temperatur in der Atmosphäre. p. 359–361.
- Mazelle, Ed[uard]. Die stündliche Veränderlichkeit der Temperatur im Tageslaufe und die tägliche Periode der Temperatur. p. 361–363.
- Schwindt, H. Temperaturunterschiede der Winter verschiedener Jahre, insbesondere in ihrer Abhängigkeit von der Stellung des Mondes zur Erde. p. 363–365.
- Siegel, Franz. Scheitelwerte der Temperaturtagesmittel von Curytyba (aus 96 täglichen Theorellregistrierungen). p. 365.
- Mitteilungen aus den deutschen Schutzgebieten*. Berlin. 27. Band. 1. Heft. 1914.
- Semmelhack. Das meteorologische Beobachtungswesen in Kamerun im Jahre 1912. p. 1–15.
- Heidke, P[aul]. Luftdruck und Temperatur zu Daressalam, Tabora und Marienhof (Ukerewe). p. 68–79.
- Weltall*. Berlin. 1. Juniheft 1914.
- Die grösste Mächtigkeit der Wolken. p. 271–272.
- Wetter*. Berlin. 31. Jahrgang. Juli 1914.
- Ludewig, P. Drahtlose Telegraphie und Meteorologie. p. 145–149.
- Naegler, W. Über die Methoden der Bestimmung der Luftfeuchtigkeit und die Bedeutung, welche diese Bestimmung für die Wetterprognose hat. p. 149–153.
- Robitzsch, M. Die deutsche wissenschaftliche Station auf Spitzbergen. p. 157–159.
- Fischer, Rudolf. Der Wettersturz am 25. Mai 1914 vorbereitet in Island. p. 159–161.
- Wolff-Abendroth, Leopold. Wetterkunde und Schule. p. 161–165.
- R. Accademia dei Lincei. Atti. Roma. v. 23. 21 giugno 1914.
- Lo Surdo, Antonino. Sulla formazione della rugiada e della brina. p. 950–953.
- Società sismologica italiana. Bollettino. Modena. v. 17. no. 5–6. 1913.
- Cavasino, Alfonso. Studio sintetico sui periodi delle onde sismiche da un decennio d'osservazioni eseguito nel R. osservatorio geodinamico di Rocca di Papa. p. 151–201.
- Martinelli, G. La propagazione in Italia del terremoto di Provenza (giugno 1909). p. 203–217.
- Grablovitz, Giulio. Sulle varie fasi dei sismogrammi. p. 218–244.
- Oddone, Emilio. L'opera del Prof. Giuseppe Mercalli per la vulcanologia e la sismologia. p. 245–262.